

215 MAINTENANCE - WEAPONS, SPARES

This group includes facilities for maintenance of small arms, automatic weapons, mortars, artillery guns, launchers, flamethrowers, torpedo tubes, harbor protective nets, and nonelectronic equipment. For missile maintenance facilities, see Category Group 212.

215 10 SMALL ARMS SHOP (SF)

A small arms shop is used to support small arms maintenance and repair for various Marine Corps activities or units. This shop is required in order to perform the pre-fire inspection (LTI) of all small arms weapons issued and recovered and to repair those weapons which are damaged or which malfunction. The weapons are broken down, visually inspected, inspected by use of various gages, magnifying glasses, etc., repaired, lubricated, etc., and reassembled.

The criteria indicated for category code 143-45, Armory, should provide adequate space allocation for any type of small arms shop provided: (a) the armory services only the activity at which it is located and (b) the small arms weapons are limited to those personnel physically stationed at that activity.

This shop is a small arms maintenance and repair facility and the weapons serviced here are not limited to those handled by the personnel assigned to the activity at which it is located. Accordingly, the size of the shop is based upon the number of weapons repaired per month and not like the armory, whose size is determined by the number of personnel stationed at the activity.

A small arms shop shall meet the following requirements:

- a. Positive weapon security in a humidity controlled, secure environment.
- b. A rapid, individual weapon issue/recovery system.
- c. A quick, twice daily inventory capability of all weapons.
- d. Weapon repair bench (es).
- e. A weapon maintenance area for individual weapon maintenance by the person to who the weapon is assigned.
- f. Space for a technical library.
- g. Space for the storage of sensitive or highly pilferable emergency supplies for assigned reaction forces.
- h. Parts storage.
- i. Weapons cleaning and coating area.

j. Secured flammable storage area.

The size of the shop is governed by the average number of weapons serviced during an average month. See Table 215-10 for gross square foot allowance to determine the area requirement.

Table 215-10

Number of Weapons Serviced per Month	Gross Square Feet per Weapon
up to 1,000	1.25
1,000 to 2,000	1.10
2,000 to 5,000	1.00
5,000 to 10,000	0.74
For each weapon over 10,000	add 0.20

Example: The number of gross square feet required for a small arms shop servicing 10,350 weapons per month is:

10,350 x 0.20 + 2,070 gross square feet.

215 20 LIGHT GUN (20 mm to 5 in) SHOP (SF)

215 30 HEAVY GUN (6 in to 16 in) SHOP (SF)

215 40 HARBOR PROTECTIVE NET SHOP (SF)

215 50 LAUNCHER AND PROJECTOR MAINTENANCE SHOP (SF)

At present there are no criteria for Category Codes 215 20 through 215 50.

215 60 FIELD MAINTENANCE SHOP (ORDNANCE) (SF)

This field maintenance shop provides specialized work areas for performing 3rd and 4th echelon maintenance on all items of ordnance equipment authorized repaired by the Service Battalion of the Marine Division and the Force Service Regiment. The shop space includes administrative and training areas as well as storage space for tools, parts, and maintenance float equipment.

For other field maintenance functions, see Category Codes 214 53, 217 30, and 218 80.

See Definitive Designs, NAVFAC P-272, Part 4, for appropriate space allocations.